have exterior surfaces, and wherein the cover layer is aligned with the exterior surface of at least one of the housing walls.

**3**. The electronic device defined in claim **1** wherein the display is an organic light-emitting diode display.

**4**. The electronic device defined in claim **3** wherein the light-sensing component is selected from the group of components consisting of: a camera, an ambient light sensor, and a proximity sensor.

**5**. The electronic device defined in claim **4** wherein the display further comprises:

an opaque masking layer on the cover layer, wherein the opaque masking layer has an opening, wherein at least a portion of the opening in the opaque masking layer overlaps the opening in the display layer, and wherein the light-sensing component receives the light through the opening in the opaque masking layer.

**6**. The electronic device defined in claim **3** wherein the display layer is a polarizer and wherein the light-sensing component is aligned with the opening in the polarizer.

**7**. The electronic device defined in claim **3** wherein the display further comprises thin-film transistor circuitry on the display layer.

**8**. An electronic device comprising:

a display having a plurality of display layers, wherein a first display layer of the plurality of display layers has an opening and wherein a second display layer of the plurality of display layers overlaps the first display layer and the opening; and

a light-sensing component that receives light through the second display layer and that is aligned with at least a portion of the opening in the first display layer.

**9**. The electronic device defined in claim **8** wherein the display is an organic light-emitting diode display.

**10**. The electronic device defined in claim **9** wherein the first display layer has a first portion and a second portion and wherein the opening in the first display layer is interposed between the first portion and the second portion.

**11**. The electronic device defined in claim **10** wherein the first display layer is a polarizer layer and wherein the light-sensing component is aligned with the opening in the polarizer layer.

**12**. The electronic device defined in claim **11** wherein the organic light-emitting diode display has an active area and an inactive area, and wherein the polarizer layer overlaps the active area and the inactive area.

**13**. The electronic device defined in claim **12** wherein the light-sensing component is mounted in the inactive area and wherein the opening in the polarizer layer is formed in the inactive area.

**14**. The electronic device defined in claim **13** further comprising:

an opaque border in the inactive area, wherein the opaque border has an opening that is aligned with the opening in the polarizer layer.

**15**. The electronic device defined in claim **10** further comprising thin-film transistor circuitry on the first display layer.

**16**. An electronic device comprising:

a housing having a rear portion and housing walls that extend from the rear portion;

an organic light-emitting diode display mounted in the housing, the organic light-emitting diode display comprising:

a layer having an opening and having first and second portions on respective first and second sides of the opening; and

a transparent layer that overlaps the layer with the opening; and

a light-sensing component mounted in the housing that receives light through the transparent layer and that is aligned with the opening in the layer.

**17**. The electronic device defined in claim **16** wherein an edge of the transparent layer is aligned with an edge of one of the housing walls.

**18**. The electronic device defined in claim **16** wherein the organic light-emitting diode display has an active area and an inactive area, and wherein the light-sensing component is mounted in the inactive area.

**19**. The electronic device defined in claim **18** wherein the organic light-emitting diode display further comprises an opaque layer in the inactive area, wherein the opaque layer has an opening, wherein at least part of the opening in the opaque layer is aligned with the opening in the layer, and wherein the light-sensing component is aligned with the opening in the opaque layer.

**20**. The electronic device defined in claim **16** wherein the layer is a display layer selected from the group consisting of: a polarizer layer and a layer with thin-film transistor circuitry.

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